

19970907.ba v01_n657.bam.970907 v01_n658.bam.970907

>From ???@??? Sun Sep 07 05:37:03 1997
Message-Id: <199709070502.AAA14527@sco.theporch.com>
Date: Sun, 7 Sep 1997 00:02:17 CDT
Subject: BOATANCHORS digest 1657

BOATANCHORS Digest 1657

Topics covered in this issue include:

- 1) Jetronic scopes
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- 2) Re: Jetronic scopes
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- 3) RE: Defense Electronics telemetry receiver manuals
by "Terry O'Laughlin" <terryo@wort-fm.terracom.net>
- 4) Dallas: Little RXs/big prices
by MNHopkins@aol.com
- 5) oldest part
by KA9EGW@aol.com
- 6) Oldest Component
by Andre Guibert <aguibert@sympatico.ca>
- 7) another source? and a story
by Jderm740@aol.com
- 8) pallet load manual haul
by "Lawrence R. Ware" <lrware@pipeline.com>
- 9) FS: Cardwell Breadslicer
by Spencer Petri <spetri@e-tex.com>
- 10) BC-348Q & ARC-5 TX for Sale/Trade
by "John Lockhart" <jlockj@minn.net>
- 11) AMI Discovery Weekend
by kb5ww@juno.com (George Folse)
- 12) FS: 75S3-B, 75A3
by David Meitzen <hdmeitzen@champion.aclic.com>
- 13) HRO-60 questions
by "Lawrence R. Ware" <lrware@pipeline.com>
- 14) FS: Heath Station
by "Ray Allen, W2KBR/3" <raallen@erols.com>
- 15) will be at Findlay Sunday
by Robert Fowle <hammarlund@jacksonmi.com>
- 16) r390???
by leeboo@ct.net (Leon Wiltsey)
- 17) Cheap/easy/effective AGC
by Bob Roehrig <broehrig@admin.aurora.edu>
- 18) Re: r390???
by Ken Gordon <keng@uidaho.edu>
- 19) R390 noise

by laffitte@prtc.net (laffitte)
20) BA in HORROR OF PARTY BEACH (1964) on MST3000
by wallace@world.std.com (Andy Wallace)
21) "SOS To The Rescue"
by Jeffrey Herman <jeffreyh@hawaii.edu>
22) Re: WTB: BC-610
by Tom Smith <tsmith@hal-pc.org>
23) Re: Jetronic scopes
by "Frank Townsend" <ftownsen@access.digex.net>

Date: Fri, 05 Sep 1997 23:20:24 -0500
From: bdhall@ghg.net (Benjamin D. Hall)
To: BoatAnchors@SCO.ThePorch.Com
Subject: Jetronic scopes
Message-ID: <3.0.32.19970905231749.006ced2c@mailman.ghgcorp.com>

Nope, I'm not restoring one, I'm scrapping it! (only Tek scopes here!)

Anyways, this Jetronic looked so Tek like, that when I first saw it I thought it was Tek. Same layout. Same look. Same looking internals. Good quality components, but lack-luster component placement and construction, which gave it away. (that and the name tag too! this one was made for uncle sam, 1962 contract date)

So, I was thinking - does anyone know if Tek ever tried to sue Jetronic for patent infringement? It is **that** Tek-like.

Anyone need a Dumont 5BGP2 scope tube?

73 y'all,
ben "burning the midnight oil" hall

Benjamin D. Hall, KD5BYB (yes, the FCC finally issued my call!)
Engine and radio collector / operator extraordinaire.
Located in Houston, Texas, United States of America.
e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

Date: Sat, 6 Sep 1997 07:14:50 -0600 (MDT)
From: Henry van Cleef <vancleef@netcom.com>
To: bdhall@ghg.net
Cc: boatanchors@theporch.com
Subject: Re: Jetronic scopes
Message-ID: <199709061314.GAA11484@netcom22.netcom.com>

As Benjamin D. Hall discourses

>

> (Wannabe TEK scopes)

>

> Anyways, this Jetronic looked so Tek like, that when I first saw it I
> thought it was Tek. Same layout. Same look. Same looking internals.
> Good quality components, but lack-luster component placement and
> construction, which gave it away. (that and the name tag too! this one
> was made for uncle sam, 1962 contract date)

>

> So, I was thinking - does anyone know if Tek ever tried to sue Jetronic for
> patent infringement? It is *that* Tek-like.

>

> Anyone need a Dumont 5BGP2 scope tube?

>

What you are describing is one of the infamous wannabe scopes. There
were three vendors (Hickock, Jetronics, and have forgotten the other)
who made "Chinese copies" of the Tek 545A and its plug ins for sale to
the US government in the early sixties.

Yes, Tektronix sued, and ultimately won. But by the time the thing
was settled, there were thousands of these wannabes, mostly taking up
shelf space, because they were poor performers and died early and
horrible deaths. I have a Hickock that is donating parts for various
things that blew its HV transformer. I think the era when these were
built was 1961-63. The 545B replaced the 545A in 1964, which made the
545A wannabes obsolete.

A genuine Tek scope or plug-in very clearly says on the front panel
"Tektronix," with the company name, meatball logo, etc. The wannabes
generally have no manufacturer's name on the panel, just on an
attached military nameplate.

Of the CRT's, the Dumont CRT shop was, for years, the best in the
world.

--

=====
Hank van Cleef
=====

Date: Sat, 06 Sep 1997 08:52:17 -0500
From: "Terry O'Laughlin" <terryo@wort-fm.terracom.net>
To: boatanchors@theporch.com
Subject: RE: Defense Electronics telemetry receiver manuals

Message-ID: <199709061350.IAA18277@mendota.terracom.net>

>the TR-711 in 1966 without a tube in sight and never again did DEI build a

I have owned a couple of TR-711s. They used a nuvistor in some of the plug-in tuners. They were incredibly sensitive and quiet receivers.

73 Terry O' WB9GVB

Date: Sat, 6 Sep 1997 10:04:00 -0400 (EDT)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Subject: Dallas: Little RXs/big prices
Message-ID: <970906100359_1121453470@emout01.mail.aol.com>

Little receivers with big asked prices graced Dallas' First Saturday even as computers and their leavings continued to subsume the once-ham event.

Free kittens also graced the table with these mix and matches at \$50 each:

*Hallicrafters S-38, no suffix, the first one with that had a real BFO

*Hallicrafters S-38D, also average condition

*Hallicrafters S-120, a pedestrian AC/DC indeed

Also seen was a nice Clegg 22er at \$50 and a Heathkit HW-16, clean, for \$85 asked. that last has survived several showings. An Eico 720 for \$40 asked sold after the vendor turned down a \$20 counteroffer.

The First Saturday event, which began in the early '70s as a ham event, meets at the corner of US 75 and Ross, but has been in decline for years as most of the Area's boatanchor activity moves to Fort Wroth's Third Saturday meeting at the Tandy Corp warehouse.

Date: Sat, 6 Sep 1997 10:48:17 -0400 (EDT)
From: KA9EGW@aol.com
To: boatanchors@theporch.com
Subject: oldest part
Message-ID: <970906104816_-1736177638@emout20.mail.aol.com>

For the oldest part still in production without a change, I submit the humble Fahnestock clip.

Date: Sat, 6 Sep 1997 11:31:24 -0400 (EDT)
From: Andre Guibert <aguibert@sympatico.ca>
To: boatanchors@theporch.com
Subject: Oldest Component
Message-ID: <199709061531.LAA13307@smtp1.sympatico.ca>

Bonjour
The tube socket dates from quite a way back
but the first Wireless Message is even farther
back when Eve gave Adam The Apple.
A bientot
Andr=E9
=20

Date: Sat, 6 Sep 1997 13:20:58 -0400 (EDT)
From: Jderm740@aol.com
To: boatanchors@theporch.com
Subject: another source? and a story
Message-ID: <970906132043_792104668@emout07.mail.aol.com>

1) Another source for High Voltage wire could be any company that makes or repairs neon signs. A bight from one of those will braid the hair in your nose very quickly.

2) I see that the Durham Hamfest will be held on 12 Oct, which reminds me of last year.

We had a friend, the widow of an old friend that lived a few miles from Durham. I told her I was going to the Hamfest and would stop be on my way home. I went, and don't think I bought anything, and stopped at her house. She was working in her garden and after we greeted each other like brother and sister, with a big hug she asked me if I enjoyed the Hamfest. I said I did. Then she said " I hope you didn't eat too much. You know ham isn't that good for your heart what with the fat and cholesterol and all"
Jack

Date: Sat, 06 Sep 1997 13:21:45 +0000
From: "Lawrence R. Ware" <lrware@pipeline.com>

To: boatanchors@sco.theporch.com
Subject: pallet load manual haul
Message-ID: <3.0.32.19970906132135.006b35a4@pop.pipeline.com>

Good afternoon folks; I very recently "acquired" an entire pallet load of old books and manuals. :-) They were not free, I had to take the whole pallet, and paid far more than I wanted to in order to get what I did want from the load.

Having started inventorying them, I have a number for sale. This list is going to boatanchors for first choice, then on to the newsgroups and some other lists.

These are all firebottle related:

Complete unabridged Ryders, fair to good condition:
The "black binder" versions, (inquire for details via e-mail please.)
Numbers:
2-17, 20, 21, 23, and 24. \$20 each.
Due to the heft of these things shipping is extra.
Will be happy to consider offer for all 20... :-)

Sams photofact books, fair to good condition:
\$10 each, includes shipping CONUS.
CB-11, CB-23, CB-42, MHF-26.
Automatic record changer manual, vol. 3, 1949-1950.

Op/service manual for RCA "Fleetone" 30-60W, 30-50Mhz radios.
models: CMV-2E1, -2E1DT, -2F, -3E1, -3E1DT, -3F
\$10, includes shipping CONUS.

Motorola "Dispatcher" hy-bred (mixed solid and vacuum state)
radiophone manual,
136-174 Mhz 1966 equipment
\$10, includes shipping CONUS.

Heath CD-1 manual:
\$4 includes shipping CONUS.

Heath IM-11 VTVM manual:
\$4 includes shipping CONUS.

Hickok 156, Indicating Traceometer:
\$5 includes shipping CONUS.

Hickok 288X, Universal Controlled Sig. Gen.:
\$5 includes shipping CONUS.

Hickok 620, pattern gen.:
\$4 includes shipping CONUS.

Eico 1064S, battery eliminator/charger:
\$3 includes shipping CONUS.

That's it for BA stuff, if you play with Moto MICOR or other early solid state VHF stuff, watch "VSS" or e-mail for list.

Please note that I am not a dealer in manuals, this is a one time shot, and this list will not be posted to boatanchors again... :-)

Thanks,

Larry Ware
7436 Fieldcrest Ave.
Winter Park, Florida
32792
#

Date: Sat, 6 Sep 1997 14:14:30 -0500 (CDT)
From: Spencer Petri <spetri@e-tex.com>
To: boatanchors@theporch.com
Subject: FS: Cardwell Breadslicer
Message-ID: <m0x7QJS-0000k2C@e-tex.com>

>Hello Anchorites,

>Looking for a plate tuning cap for that "linear", final or humongus power oscillator? This baby is 13 1/2" long, 5 3/4" wide and 3" tall with a 2" long shaft. 1/4" plate spacing.

>

>Type TK-300-US

>

>Has Navy emblem stamped on side of insulating bar, US and an anchor, so I guess this is a real boatanchor item.

>

>Excellent condition. \$40 and you ship from TX.

>

>

73 de Pete WA5JCI EM21 "the future will be better tomorrow"

.....
6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361/623 Grids
.....
2 Mtr -- 36 States -- VUCC #346/183 Grids

Date: Sat, 6 Sep 1997 13:32:53 -0500
From: "John Lockhart" <jlockj@minn.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Subject: BC-348Q & ARC-5 TX for Sale/Trade
Message-ID: <199709062000.PAA22362@t-rex.minn.net>

For Sale:

BC-348Q HF Aircraft Receiver
Outside is in good condition. Internal is excellent.
Wired for external AC power supply. (not included)
Very clean 28 volt dynamotor still mounted inside.
\$125 shipped UPS ground

BC-459 "ARC-5" 7.0 - 9.1 MC Transmitter
Very nice condition! \$35 shipped UPS ground

Would accept good condition tubes such as 811A,
572B, or 3-500Z in trade.

Thanks, John W0DC
St. Paul, Minnesota

Date: Sat, 06 Sep 1997 16:20:06 EDT
From: kb5ww@juno.com (George Folse)
To: boatanchors@sco.theporch.com
Subject: AMI Discovery Weekend
Message-ID: <19970906.141151.5063.1.kb5ww@juno.com>

All,

OK everyone this is the weekend to do it, I am on 7290 and 14.286. I
don't hear no one, lets fire up the BA's and get with it.
73s,

George Folse KB5WWO kb5wwwo@juno.com
630 Dolhonde St.
Gretna, La. 70053
504-362-1896 ph/fax
Collector of Heathkit, EF Johnson, and Atwater Kent

AMI#937

Date: Sat, 06 Sep 1997 15:28:34 -0500
From: David Meitzen <hdmeitzen@champion.aclic.com>
To: boatanchors@theporch.com
Subject: FS: 75S3-B, 75A3
Message-ID: <3411BCF2.248D@aclic.com>

1. This is a repost 75S3-B, CCA VG, 4 filters, 16XXX sn recent alignment
hot receiver absolutely Collins original. \$900.
2. 75A3 no cabinet but very clean. Works great NO Scratches on front
panel. \$325
To discuss in detail call me at my office. 800 323 3529 ext 8131
Regards
Dave

Date: Sat, 06 Sep 1997 15:17:05 +0000
From: "Lawrence R. Ware" <lrware@pipeline.com>
To: boatanchors@sco.theporch.com
Subject: HRO-60 questions
Message-ID: <3.0.32.19970906150228.006901e4@pop.pipeline.com>

Good afternoon firebottle fanatics, fans, and finders!
I have a few National HRO-60 related questions to pose to the
collective wisdom of the list:

#1

My recently acquired HRO-60R has a sorta olive green paint (looks original)
but the coils sets are medium dark gray in color. Is this normal?
Or do I have coils from a different radio? If so, pointers on how
to tell 60 from 50 from 5 & 7 coils sets, etc. would be greatly
appreciated.

#2

All of my "tuning strips" (is that the correct term for the little plastic
strips used to show frequency?) are BS (band spread) types. I could
sure use the normal ones for B, C, & D coils. Anyone want to trade?
Or anyone willing to scan the ones they have as a high res. line art gif
and e-mail them to me?
With the line art, I could get some more made by a local plastic guy.

Wonder if there is a market for these things? Anybody else need them?

I will scan the BS ones I have and e-mail them to anyone who wants them.

-Larry Ware
lrware@pipeline.com
Orlando, Florida

Date: Sat, 06 Sep 1997 17:31:21 -0700
From: "Ray Allen, W2KBR/3" <raallen@erols.com>
To: heath@listserv.tempe.gov
Cc: boatanchors@theporch.com
Subject: FS: Heath Station
Message-ID: <3411F5D9.29F5@erols.com>

Groups: Have a Heath station for sale, \$700 + half shipping. Will not separate, selling the whole station:

SB301: Works, fairly clean, nice shape, needs tweaking.

SB401: " " " " " " " , xtal pack on board.

SB200: " " " " " " , brand new "Harbach" Power supply
"soft start", and fan.

SB610: Works, clean, nice shape, wired for Heath IF

HM-102: works, clean, nice shape.

Manuals for all, original or professional repros

Sorry No SB600

Shipping from Maryland, remember the "whole" station only...

And busy week coming up, so if you are interested, be patient..thanks

73

--

Ray Allen, W2KBR/3
8303 Grainfield Road
Severn, MD., 21144-2331
FM-19, TenX 68656, CBC 379

Date: Sat, 06 Sep 1997 17:52:56 -0400
From: Robert Fowle <hammarlund@jacksonmi.com>
To: hammarlund@qth.net
Cc: baswaplist@foothill.net, BOATANCHORS@LISTSERV.TEMPE.GOV,
boatanchors@theporch.com
Subject: will be at Findlay Sunday

Message-ID: <3411D0B8.2A3F@jacksonmi.com>

If there is anything, any of you who will be there want me to bring..
let me know asap..
will leave Jackson at 3am sunday morning...

--

Best Regards Robert Fowle KC8DBC
my shipping address is: 1215 Winifred..Jackson, Mich. 49202-1946
ICQ #649056
My Web Page: <http://www.jacksonmi.com/hammarlund>

Date: Sat, 6 Sep 1997 19:12:36 -0400 (EDT)
From: leeboo@ct.net (Leon Wiltsey)
To: BOATANCHORS@SCO.THEPORCH.COM
Subject: r390???
Message-ID: <199709062312.TAA09669@blue.ct.net>

Tnx gang for all good info on r390ect.
Is is a good rec for ssb? nobody bothered to mention that.
THANK THE LORD FOR ALL YOU HAVE

68 yr old semidisabled senior
(stroke got my balance & hand to eye coordination)
ham agn as KF4RCL TECK+ (MUCH HAPPINESS)
BUILD MOST STATION EQUIP
SUB.BA & GB-- NO SOLID STATE

LEON B WILTSEY (Lee) tel. 941 471 3739
4600 Lake Haven BLVD.
Sebring, Fl. 33872 (SEBRING) WHERE THERE IS NO QRM FROM THE LOCALS

Date: Sat, 6 Sep 1997 18:10:51 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Boatanchors <boatanchors@sco.theporch.com>,
glowbugs <glowbugs@www.atl.org>
Subject: Cheap/easy/effective AGC
Message-ID: <Pine.ULT.3.96.970906175719.21882A-100000@admin.aurora.edu>

I was playing around with the navy RCH receiver recently obtained and.

as with all pre-product detector receivers, I get frustrated by trying to use it in the CW mode with no AGC.

In this particular unit, there is conventionally derived rectified IF AGC in the AM mode, but in CW, the AGC bus is shorted directly to a negative bias supply (derived from a 50 ohm resistor in the HV xfmr center tap to ground). In most receivers, the AGC would simply be shorted to ground.

Not wanting to really modify this unit, I thought I'd try audio-derived AGC, and it is outstanding. This simple circuit could be applied to anything from an ARC-5 to a HRO.

The circuit is simply a conventional half-wave voltage doubler. I used a pair of 3.3uf 50V caps and a pair of 1n4001 diodes. I tack soldered a 2K pot across the 600 ohm output transformer terminals (one is grounded) and that feeds the circuit. The output is loaded with a 470K resistor and connected to the AGC bus. In this receiver, that is accomplished by removing the wire to the mode switch that comes from the fixed bias source and connecting the detector output to that switch lug.

I tuned in a fairly strong SSB station on 40 meters, then cranked up the gain until the signal started to distort, then adjusted the 2K pot until I started to get AGC action. Thereafter, the gain could be cranked up all the way with no distortion and all signals in the round-table sounded identical in level.

AS I said, this same scheme should work with a great many receivers. The pot value should be a few times higher than the output impedance to prevent loading. This circuit has a time constant of around 1.5 seconds decay, which works great for both CW and SSB.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Sat, 6 Sep 1997 17:20:00 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: Leon Wiltsey <leeboo@ct.net>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: r390???
Message-ID: <Pine.BSF.3.95.970906171811.22044A-100000@piobaire.mines.uidaho.edu>

> Tnx gang for all good info on r390ect.
> Is it a good rec for ssb? nobody bothered to mention that.

It is certainly adequate for SSB. Selectivity is just fine, although the detector leaves something to be desired. It is a straight diode detector, not a product detector.

Ken W7EKB

Date: Sat, 06 Sep 1997 22:17:39 -0300
From: laffitte@prtc.net (laffitte)
To: boatanchors@theporch.com
Subject: R390 noise
Message-ID: <341200B3.21DC@prtc.net>

Hi gang!

Following some excellent suggestions by Roy Morgan, I think that the noise problem has been localized. It seems to be coming from the power supply voltage regulators (is this possible?). I changed one of them and the noise came down but I also saw a small spark inside the new 6082 tube when I turned the set on. Afterwards, the common smell of an overheated resistor came from the same area of the 6082. The voltage at the test point reads 180VDC which is normal. The next step is to remove the audio subunit and check it out. I'm open for more suggestions from R390 (not A) fans. This is truly a great set. Now my R390A seems easier to troubleshoot.

By the way, we were spared from the wrath of ERIKA. Its quiet and VERY HOT down here.

Best of 73s
Guido E. Santacana KP4FAR
San Juan, Puerto Rico

Date: Sun, 07 Sep 1997 02:22:07 GMT
From: wallace@world.std.com (Andy Wallace)
To: boatanchors@sco.theporch.com
Subject: BA in HORROR OF PARTY BEACH (1964) on MST3000
Message-ID: <34120f0e.160051@world.std.com>

Hey, this is a real bad one. HORROR OF PARTY BEACH, current fodder for today's Mystery Science Theater 3000 show on the SciFi Channel, actually has a boatanchor in it. About 2/3 through, a scientist is

twiddling a device which looks like either a PA amp or a power supply, when we see a close-up of what is unmistakably a Johnson 122 VFO. The thing is tuned through 40 meters, no question about it.

Kinda brought tears to my eyes.

This message may get through soon enough to let some BAers suffer through the 11pm EDT showing!

--Andy
wallace@world.std.com

"I wasn't kissing her. I was whispering in
her mouth." --Chico Marx

Date: Sat, 6 Sep 1997 17:14:57 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Boatanchors List <boatanchors@sco.theporch.com>, cw@qth.net
Subject: "SOS To The Rescue"
Message-ID: <Pine.GS0.3.95q.970906163803.5941B-100000@uhunix3>

I found a copy of this famous book in our library (the later edition is titled "Famous Sea Rescues"). Once reading it begins, it's impossible to stop!

>From the preface, "The author is an experienced seagoing radio operator. He brings to his pages the fascinating lore of an intensely prideful calling and with this message of brotherhood refreshing to this time of discord. At sea, when SOS flashes through the 600 meter band, all men of whatsoever race or nationality are one."

To drive that point home, after the SS Republic was rammed by the SS Florida during zero-visibility fog, RO Binns sent out the CQD distress call (the author gives an interesting history of the various distress calls - more on that later); by the next day the horizon was filled with dozens of ships drawn by a desire to assist. The author writes: "Daylight had showed a gathering fleet of ships; liners of all nations, stodgy freighters, graceful Revenue Cutters, and other craft, including the famous whaleback, City of Everett. All had been drawn to a common centre by the magic call of the wireless. Every vessel within three hundred miles that was equipped with radio had picked up the CQD, and hurried through the fog and night to reach the side of the sinking White Star liner. Each thought that he might be of some assistance. Today the nearest ship assumes responsibility for the rescue and the others proceed on their course,

but in 1909, as with the Volturno a few years later, everyone came from far and wide. There could not have been a finer demonstration of the brotherhood of the sea and the inestimable value of wireless telegraphy to a ship in distress."

I'll be providing interesting excerpts from this wonderful book so as to entice you all into searching out a copy of it. In particular, I'll share the paragraphs detailing how the various distress calls came about.

One thing is a bit puzzling: In the introductory chapter, that author has a page containing the Morse Code, and some commonly used prosigns; he says that `..._` means "high power warning; exclamation mark" Now, we all know that today it means "comma" (and unofficially, on 500 kc it also meant "you're a lid"). So when did its meaning change? This book was written in 1935, and I went through Coast Guard Radiomen School some 40 years later; was there a change in certain prosigns during those 40 years?

73 from Hawaii, Jeff KH2PZ / KH6

Date: Sat, 06 Sep 1997 22:43:08 -0500
From: Tom Smith <tsmith@hal-pc.org>
To: boatanchors@theporch.com
Subject: Re: WTB: BC-610
Message-ID: <341222CB.DC20BF8AA@hal-pc.org>

WTB: BC-610 Would prefer one within reasonable driving distance and in good shape.

Have Truck, Will Travel (for boatanchors)

TNX !! Tom N5AMA

>
>

Date: Sun, 7 Sep 1997 00:41:37 -0400
From: "Frank Townsend" <ftownsen@access.digex.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Jetronic scopes

Message-ID: <199709070433.AAA00357@access1.digex.net>

> From: Henry van Cleef <vancleef@netcom.com>
> To: Old Tube Radios <boatanchors@theporch.com>
> Subject: Re: Jetronic scopes
> Date: Saturday, September 06, 1997 9:14 AM

> What you are describing is one of the infamous wannabe scopes. There
> were three vendors (Hickock, Jetronics, and have forgotten the other)
> who made "Chinese copies" of the Tek 545A and its plug ins for sale to
> the US government in the early sixties.
>
> Yes, Tektronix sued, and ultimately won.

Lavoie was the third maker of the military clones. Interestingly, Tek sued not the clone makers, but the US Government (in 1961), and won over 4 million for infringement of patents used in the 535 and 545. No final judgment until 1978, however.

The US apparently wanted Tek quality scopes at less than Tek prices, and had submitted specs which virtually required a qualifying bidder to infringe on Tek's patents:

"Jetronics found it necessary to copy the physical layout and circuit design of the Tektronix 535 and used the Tektronix 535 performance specifications in manufacturing the USM/81. To comply with defendant's requirements, Hickok copied the physical layout and circuit design of the Tektronix 535 in manufacturing its USM/81. Likewise, to meet defendant's requirements, Hickok manufactured its 1805 as a copy of the Tektronix 545. On at least one occasion, in competing against plaintiff for a contract involving a Tektronix 545A-type oscilloscope, Hickok actually submitted to defendant a Tektronix-manufactured oscilloscope with a Hickok face plate and represented the scope as a bid sample of the scope that Hickok intended to manufacture. "

A tactic used early on by the government was an attempt to countersue Tek for infringing on government owned patents in the production of Tek scopes. This claim lost at the pretrial stage.

Frank Townsend

Francis J. Townsend, III
Baltimore, MD

End of BOATANCHORS Digest 1657

>From ???@??? Sun Sep 07 23:41:15 1997
Message-Id: <199709080338.WAA13990@sco.theporch.com>
Date: Sun, 7 Sep 1997 22:38:36 CDT
Subject: BOATANCHORS digest 1658

BOATANCHORS Digest 1658

Topics covered in this issue include:

- 1) Regen. RX bib./HX
by MNHopkins@aol.com
- 2) FS: Viking II & VFO
by ARONGV@aol.com
- 3) AN/FRR 60 / DDR5A Manual
by ALanger394@aol.com
- 4) digest 1657
by Jderm740@aol.com
- 5) 1930's Aircraft Rig: Need Info
by arc5@ix.netcom.com
- 6) Tecraft/Intl. Xtal. progress notes
by MNHopkins@aol.com
- 7) Sunday Swapnet Listings
by Mike Warren <m_warren@compuserve.com>
- 8) Need info on GF-12/RU-17
by J P Taillebois <jpt1@idirect.com>
- 9) LINDSAY ONTARIO flea market.
by J P Taillebois <jpt1@idirect.com>
- 10) Morkrum Teleprinters?
by Neal McEwen K5RW <nmcewen@metronet.com>
- 11) Re: BA in HORROR OF PARTY BEACH (1964) on MST3000
by L & M <toneri@ils.net>
- 12) Web Site: Prater's Mill 97
by marty@aa4rm.radio.org (locale for Marty Reynolds)
- 13) ADMINISTRIVIA: Using The Archives
by listown@jackatak.theporch.com (Mail List Owner)
- 14) High Joltage Wire
by "James R. Binkley" <w4aos@his.com>
- 15) Re Stratosphere tube lineup
by "James R. Binkley" <w4aos@his.com>

- 16) Jim Bourne - R.I.P.
by "Dick Dillman" <ddillman@igc.apc.org>
- 17) Report: Rochester AWA - What followed me home!
by "John H. Dilks III" <oldradio@worldnet.att.net>
- 18) National HRO-50T1 Help Needed
by "David M. Nance" <dmnance@roanoke.infi.net>
- 19) Heathkit 100 kc Calibrator for adoption
by "John H. Dilks III" <oldradio@worldnet.att.net>
- 20) [Fwd: WTB: Viking Valiant]
by wb9iog <wb9iog@revealed.net>
- 21) Borroughs Tubes? Doomsday tube computer gizmos ?
by "Larry" <rau@wco.com>
- 22) R-274 Hallilcrafters version
by "Robert Nickels" <ranickel@mwci.net>
- 23) Heath DX-100 Cab. Feet Wanted
by w8xq@juno.com (JEFF D WILDER)
- 24) Ray Moore's Receiver Book 4th Edition
by W7FG <w7fgboat@w7fg.com>
- 25) Gear & Misc FS
by don merz <71333.144@compuserve.com>

Date: Sun, 7 Sep 1997 01:15:45 -0400 (EDT)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Subject: Regen. RX bib./HX
Message-ID: <970907011545_1362005578@emout13.mail.aol.com>

When Sandy, W5TVW, posted on regenerative receivers, he did not mention, and may not have seen, the new book on this old topic: "Secrets of Homebuilt Regenerative Receivers," Rockey, C.F., W9SCH, Lindsay Publications (1996).

Rocky covers the genius of Armstrong and the practices of the 1930s in just 127 pages, so he does not get to the several later examples of this technique like the Knight Ocean Hopper/Space Spanner/Span-Master series and the Heathkit GR-81 which Penson (Heathkit, a Guide to the Amateur Radio Products, Penson, C., WA7ZZE, (1995) Electric Radio Press, p 70) curiously calls "superegenerative," but which was in fact an extension of the ham RXs of the pre commercial era and not like the "rushbox" super-regens that conquered 5 Meters and resurcted in the Heath Sixer/Twoer series.

For background on the topic in modern form the 1995 Handbook has the Kitchin project, which was a shortened version of Kitchin, C., N1TEV, "Regenerative Receivers," Communications Quarterly, Fall, 1995, p 7 et seq. For a practical, but recent example of a regen Rx using tubes see "A 40-Meter Regenerative Receiver You Can Build," Newkirk, D., WJ1Z, QST, Sep 1992, p 35.

The technique was also applied to primitive superheterodynes by Frank Jones on the 5 Meter band in the 1930s, where a technique, super-regeneration,

ruled. The Regenerative superhets survived the war: "The Novice RS-3,"
McCoy, L, W1ICP, QST, Oct. 1963, p 42.

As late as 1978 Radio Shack offered a regenerative "Globe Patrol" general coverage receiver kit. One of those is never far from the AB5L bench as a regen can double as a signal generator, for good or ill. The super-regeneration technique persists in Radio Shack "Space Patrol" handie talkies even today.

But the era of the regen RX is gone, nonetheless. An otherwise knowledgeable ham of the modern stripe insisted to me that only a super-regen could hear FM as well as AM. I patched the Globe Patrol in behind a Tecraft 2M converter (1956) and we listened to local repeaters 'till he got tired, which was not long. Things go out of style, and the regen RX, like the open line feeder, is hopelessly dated now, although regeneration supplied the BFO for all but the first S-38, the Hammarlund HQ-100 and the Hallicrafters SX-140. It is a shame, really. When a regen comes on it says "pop" as if echoing back from the '30s, and the waterfall noise of a super-regen sounds better to me when I monitor 6M than the passing auto ignitions.

73 de ab5l, michael in dallas, who is looking for the specific 1957 CQ cite for Frank Jones' last regenerative superhet article (but I have the article in an anthology and, someday...) Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

Date: Sun, 7 Sep 1997 01:39:00 -0400 (EDT)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Cc: baswaplist@foothill.net
Subject: FS: Viking II & VFO
Message-ID: <970907013900_-1333562427@emout11.mail.aol.com>

Here's a nice BA rig in really good shape, inside and out.

Nice working and looking Viking II with matching VFO and manual. \$175 + split shipping from Kansas City.

Ron

Date: Sun, 7 Sep 1997 08:17:00 -0400 (EDT)
From: ALanger394@aol.com
To: boatanchors@theporch.com
Subject: AN/FRR 60 / DDR5A Manual

Message-ID: <970907081659_1227799744@emout12.mail.aol.com>

HI All

I have been having a sort out and decided to part with the folloing manual for a monster BA that i had some years ago

It is dual diversity receiver made by TMC and covers 2 to 30 mhz

It is housed in two 6ft cabinets See Janes 1979/1980

I have manuals to cover all modules and some extra information on the synthesizer that TMC sold me

Is anyone interested in them ?

Regards

Allan Langer

G6EII

alanger394@aol.com

Date: Sun, 7 Sep 1997 08:42:20 -0400 (EDT)
From: Jderm740@aol.com
To: boatanchors@sco.theporch.com
Cc: lrware@pipeline.com
Subject: digest 1657
Message-ID: <970907084219_393530833@emout11.mail.aol.com>

Larry

About your HRO-60R.

Coil sets from the 5 & 7 series have a frequency plate nailed to the front. This plate corresponds to the numbers on the NPO dial. No direct read-out.
2) According to my manual the HRO-60 should have come with the following dial scales mounted on the dial drum: A, B,C, E-F, AA, AB and AC. If your set-up is different it sounds like a prior owner had made this unit a special order from National.

The HRO-50 scales are flat and the 60's are slightly rounded when viewed in the cross section.

I have some low frequency scales that I can make copies from that can be used to fabricate plastic scales. The others would be more difficult because my HRO is in storage and would have to be disassembled to give you copies. If no one else can help, contact me and I'll see what I can do.

I hope this is some help to you.
Good luck Jack Jderm740@aol.com

Date: Sun, 7 Sep 1997 07:55:38 -0500 (CDT)
From: arc5@ix.netcom.com
To: boatanchors@sco.theporch.com
Subject: 1930's Aircraft Rig: Need Info
Message-ID: <1997977547119169@>

Need some info.
Got a transmitter that's missing it's nomenclature plate.
It looks like a BC-430, but it uses two 45's (VT-52)
and two 10Ys (VT-25A). Does anyone have a diagram
for this rig? I could trace it out but that's a pain.

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Date: Sun, 7 Sep 1997 09:59:07 -0400 (EDT)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Subject: Tecraft/Intl. Xtal. progress notes
Message-ID: <970907095905_-366718674@emout07.mail.aol.com>

Some progress on both the Tecraft and International Crystal projects in last two weeks:

Tecraft

The count is now two (different) 2M converters and one TX plus a just arrived 6M converter thru K9GDT who sent me the one he had just after the '57-'58 Golden Age period. It is a valorous old soldier on which the Motorola jacks have survived, as well as the serial # and other decals. It cleaned up nicely. With all the Baptists here in Texas, I use the total immersion in water method. I actually scrub them in mild dish soap and dry them in the oven at about 150 degrees. I got the idea from Carr, the Carr's Corner guy in CQ and, altho it looks dangerous, it works great. A dash of Armoral, non gloss, is another trick and works far better than wax. A trade is just being firmed up will bring three unidentified converters and a TX, so better keep the scrub brush out for a while, and my library was extended by WA9JML who sent a new to me copy of a factory flyer.

International Crystal

I am now able to identify the later project boards called MXX-1, SAX-1, PAX-1 and BAX-1 plus the OX oscillator from an ad found in QST for June 1959. I have learned that IC made a transmitter board for 80/40 but do not have enough information to discuss it yet, but I turned up a competitor to the IX low frequency oscillator. Sentry's "Lo-Frequency Oscillator" board is awaiting packaging by my 11-year-old son, his first interest in radio. Of course I am pretty well up to speed on the later converters like the FCV series, and I know a lot about the STP-10 series of TX and such that started this quest. Eluding me yet is a mentioned '64 catalog with all the circuits for all the boards, and I have yet to do a careful review of The Milliwatt, Ade Weiss's early magazine, for references.

Revelations:

Found one reference to an early Tecraft converter that had a hardwood, not metal case. WA5VJB raided the QST collection of silent key Leroy May, W5AJG/W5HN, 6M WAS #4, for a copy of the '53 converter article by the Tecraft founders, and I talked with one guy who lived at River Edge NJ, the sacred home of Tecraft which, I learn, was a division of Television Industries Inc. of Hackensack, NJ.

Lamentations:

Still not enough folks digging into their basements and files for information and examples from these two companies. Also cataloging recollections of times with products of either, and have logged some good ones already. The folks who knew and used these products are gettin' on as they say down here, and the next researcher will be working in electric trashbins. I want to give him/her a head start on questions like this:

Why did Tecraft and several other converter makers make a special "satellite" model in '58 for the 108MC range? That is too high for Sputnik by far, so what satellite was being monitored for \$44.95 in Eisenhower dollars? I don't know.

Michael Hopkins, AB5L
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Sun, 7 Sep 1997 10:53:55 -0400
From: Mike Warren <m_warren@compuserve.com>
To: ba-list <boatanchors@sco.theporch.com>
Subject: Sunday Swapnet Listings

Message-ID: <199709071054_MC2-1F70-3A53@compuserve.com>

Good Morning All,

Today's BA listings from 80 meter Sunday swapnets:

1. Hallicrafters HT-32 "near mint", \$200. Gary, 612/496-3794.
2. National NC-173, \$110. Herb, 612/455-7898.
3. National NC-300, \$125. Herb, 612/455-7898.
4. Johnson Valiant, \$250. Herb, 612/455-7898.
5. Heath SB-10, \$100. Bob, 218/365-5438.
6. Hallicrafters SR-160, \$120. Clay, 515/838-2285 (eves).

73,

Mike Warren - W5MAZ (in MN)

++++
+ Looking for a Hallicrafters HT-31 Amp. +
++++

Date: Sun, 7 Sep 1997 11:07:20 -0400
From: J P Taillebois <jpt1@idirect.com>
To: boatanchors@theporch.com
Subject: Need info on GF-12/RU-17
Message-ID: <199709071507.LAA10305@nexus.idirect.com>

Hello everyone,

I was donated the following NEW IN THE BOX:

Model GF-12 aircraft radio transmitter with 2 coils sets (3 to 3675 mhz and 5.9 to 7.4) the radio comes with 2 837 and 2 89s. It was made by western Electric contract date april 1941 (on all the tags)

I also have in relation to the RU-17 The dynamotor unit, junction box and 2 coil sets (rcvr)

All of the above NOS.

If i understand this properly, the set up included a rcving unit.

The tags show the NAVY DEPT BUREAU OF SHIPS.

Well with all that, what was this radio used for and what am i missing to complete this unit? I would appreciate a schematic or any info regarding

this set up.

THANK YOU AND 73

----- VE3JPT VE3JPT VE3JPT

Jean Paul Taillebois Interest:
Hallicrafter, Gonset, Johnson, Collins, Military
radios and books.
996 Greenlane Court
Oshawa Ontario Canada
L1K-2C6
voice: 905 723 1811
paket: ve3jpt@va3vw

Date: Sun, 7 Sep 1997 11:07:22 -0400
From: J P Taillebois <jpt1@idirect.com>
To: boatanchors@theporch.com
Subject: LINDSAY ONTARIO flea market.
Message-ID: <199709071507.LAA10308@nexus.idirect.com>

Hi,

Went to the Lindsay Hamfest for the first time yesterday, north east of Toronto.

Very small but well attended for a social get together. Nothing much on boat anchors or military.

drake C line complete mint for \$300.00 (yes Canadian \$ = \$200.00 us)
2 Drake tr4 rcvr with spkr for \$150.00 each
BC-378 mods in rough shape for \$75.00
and lots of computer stuff.
In the parking lot, 10 6146s went for .50c each

Anyway just a good social event for me.

oh yes i picked up an AUTHEK audio filter to help my old rcvrs and it does improve the reception substantially. I also picked up a New US army field strength meter (hf bands) with manual.

That's it folks

 ----- VE3JPT VE3JPT VE3JPT

Jean Paul Taillebois Interest:
 Hallicrafter, Gonset, Johnson, Collins, Military
 radios and books.
 996 Greenlane Court
 Oshawa Ontario Canada
 L1K-2C6
 voice: 905 723 1811
 paket: ve3jpt@va3vw

 Date: Tue, 02 Sep 1997 02:46:47 +0100
 From: Neal McEwen K5RW <nmcewen@metronet.com>
 To: boatanchors@sco.theporch.com
 Cc: mharton@freedomforum.org
 Subject: Morkrum Teleprinters?
 Message-ID: <340B7007.2587@metronet.com>

BAers.

There is a fellow in the Virginia area that working on a PBS film documentary to commemorate the 150th Anniversary of the Associated Press (AP). He would dearly love to find a working Morkrum teleprinter, so he can film it typing out a famous news story of the period.

He has located retired AP telegraphers to re-enact the telegraph piece but needs help with the teleprinter aspect.

Is there any one out there that can help this fellow? Lets put that old gear to work for the enjoyment of others! An older model Teletype like a model 28 might fill the bill if he cannot find a Morkrum.

If you can help, please contact:

Marcus Harton Email - mharton@freedomforum.org
 Coordinating Producer
 The Freedom Forum
 1101 Wilson Blvd.
 Arlington, VA 22209
 (703) 284-3503

--

73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com
 A WWW Page for Telegraph Key Collectors and Historians
http://fohnix.metronet.com/~nmcewen/tel_off.html

Date: Sun, 7 Sep 1997 12:42:24 -0500 (GMT-0500)
From: L & M <toneri@ils.net>
To: wallace@world.std.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BA in HORROR OF PARTY BEACH (1964) on MST3000
Message-ID: <199709071742.MAA24046@server1.ils.net>

At 02:22 AM 9/7/97 GMT, Andy Wallace wrote:

>Hey, this is a real bad one. HORROR OF PARTY BEACH, current fodder for
>today's Mystery Science Theater 3000 show on the SciFi Channel,
>actually has a boatanchor in it. About 2/3 through, a scientist is
>twiddling a device which looks like either a PA amp or a power supply,
>when we see a close-up of what is unmistakeably a Johnson 122 VF0. The
>thing is tuned through 40 meters, no question about it.
Hey Andy, I wonder how many and what type of boatanchors are hiding in movie
production stock rooms? There must be a whole pile of neat BA's in some of
those back lot warehouses.

73, Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net
Keswick, Ontario
WEBPAGE: <http://www.geocities.com/heartland/meadows/8218>

Date: Sun, 7 Sep 1997 13:04:01 -0400
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
To: boatanchors@theporch.com
Subject: Web Site: Prater's Mill 97
Message-ID: <199709071704.NAA13423@aa4rm>

It's there. Saturday's BA swap-o-ree at Prater's Mill.

<http://qsl.asti.com/PRATERS97>

Date: Sun, 7 Sep 97 11:15:01 CDT
From: listown@jackatak.theporch.com (Mail List Owner)
To: boatanchors@sco.theporch.com
Subject: ADMINISTRIVIA: Using The Archives
Message-ID: <9709071115.aa01410@jackatak.theporch.com>

Gang-

This periodic post is designed to help everyone gain more value from their boatanchors subscription.

SAVE THIS FILE FOR FUTURE REFERENCE!!!!!!

Often I receive an email request, or I read on the list, of someone who is aware there is an archive available with some special files with special information that is of a more permanent nature than a post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military Equipment Nomenclature, suggestions for restorations and modifications to our beloved fire bottle rigs, and some wonderful stories of real adventures and the people involved.

These files may be accessed by email... quickly and easily.

Step One:

send an email (leave the subject blank, or, if your mailer requires a subject, type a single character, like "a" in the subject box) to:

listproc@sco.theporch.com

Step Two:

in the body type:

index boatanchors

Step Three:

after checking out the index for files of interest, and finding the one or more you want to have sent to you, send another email to:

listproc@sco.theporch.com

and, in the body, type:

get boatanchors file.name

where you substitute the name of the file from the index for "file.name"

This should get you off to a good start. If you encounter any problems, please let me know at the address below.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Archiver/Owner - - -
listtown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

Date: Sun, 07 Sep 1997 15:19:54 -0700
From: "James R. Binkley" <w4aos@his.com>
To: boatanchors@theporch.com
Subject: High Joltage Wire
Message-ID: <3413288A.3EAE@his.com>

Jack writes: <<Has anyone tried auto ignition wire? Not the kind with carbon filament but the old fashioned type used in earlier cars up to the '80's. >>

Yes, it is my high voltage wire of choice, cheap, readily available, and good for anything a ham transmitter is likely to stress it with. It also resists getting stiff when exposed to heat.

Bob w4aos@his.com

Date: Sun, 07 Sep 1997 15:23:05 -0700
From: "James R. Binkley" <w4aos@his.com>
To: boatanchors@sco.theporch.com
Subject: Re Stratosphere tube lineup
Message-ID: <34132949.1D08@his.com>

Good God, its a wonder the thing didn't have windshield wipers!!

Bob w4aos@his.com

Date: Sun, 7 Sep 97 12:52:05 PST
From: "Dick Dillman" <ddillman@igc.apc.org>
To: boatanchors@theporch.com, tucradio@igc.org, ddillman@igc.org
Subject: Jim Bourne - R.I.P.
Message-ID: <58850.ddillman@igc.apc.org>

Long time readers of these pages may remember my earlier post about Jim Bourne, the chief rigger for the RCA transmitting station at Bolinas, CA., now silent after 70 years of service. My assumption at the time was that Mr. Bourne had passed away. That assumption was my loss because Mr. Bourne in fact lived for many more years and I missed the opportunity to meet with him again and hear his stories. An article in the August 28 issue of the Point Reyes Light newspaper

recorded the actual passing of Mr. Bourne at age 86.

"He was in charge of maintenance for all the RCA towers - the tallest one was 300 ft. tall. He loved that job, loved climbing and spending time in the air," his granddaughter said. "He retired after 34 years."

Ed Brennan, his former boss, had the climbing belt mentioned in my post made for "Jimmy" upon his retirement.

I've re-posted my original piece below as my small tribute to a great man.

=====

THE CHIEF RIGGER

In the days of radio when men were men, days not too long past, forests of telephone poles held spiderwebs of antennas against the sky, usually at the very edge of great oceans. Such a place was the RCA transmitting station in Bolinas, CA. When I first started visiting there in the early 70s, trans-Pacific telephone circuits were still carried on HF radio. Rhombic and fishbone antennas covered acres of land, each aimed at a particular spot on the Pacific rim. My favorites were the ones held aloft by stacked telephone poles; two 90 footers placed one upon the other and held by a network of guy wires.

These laceworks of antennas, feed lines and guy wires were larger and more complex than the biggest full-rigged sailing ship. And, like those ships, it took a special breed of man to keep them all aloft in the face of Pacific storms, salt spray and the ravages of time. When we think of these installations, we usually think of the radio operators. I often think of the Chief Rigger, within whose domain the maintenance of these antenna fields fell.

I met the Chief Rigger at the station in those days. His name was Jim Bourne. He appeared to be in his early 60s, barrel chested with big, working man's hands and spectacles that somehow seemed too small for his large, open face. It was Jim who kept the poles straight, the guys tight and the antennas aloft, no matter the weather or the time of night. And he did it as a matter of course, as a part of the job he had agreed to do. He was the type of man who is a hero but does not know it.

I've kept that picture of Jim Bourne in my mind since then, as an example of the best of a breed of men now almost vanished. But I wondered at the time if anyone else recognized him for who he was.

A few years after meeting Jim I was in Bolinas again visiting an

amateur and fellow Radio Officer who lived near the transmitting station. As we chatted about radio and radiomen I noticed in the garage adjacent to his shack a large leather climbing belt of the kind Jim Bourne used. But this one was clean and new. I noticed too that this climbing belt had a brass plaque riveted to it. I drew closer to read it. The inscription was simple. It gave me chills to read it then, as it still does now:

"To Jim Bourne - A Rigger's Rigger, A Man's Man"

Clearly, the belt had been presented to Jim upon his retirement by peers who recognized him, as I did, to be man worthy of honor. I didn't have the heart to ask my friend how it came to pass that he had Jim's belt. But I do know that one of the best epitaphs a man could hope for was engraved on that brass plaque.

=====

Dick Dillman
WPE2VT W6AWO
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Sun, 7 Sep 1997 20:36:34 +0000
From: "John H. Dilks III" <oldradio@worldnet.att.net>
To: boatanchors@theporch.com
Subject: Report: Rochester AWA - What followed me home!
Message-ID: <19970907203628.AAB5813@LOCALNAME>

Report: Rochester AWA - What followed me home!

Well it was a wonderful meet. It only rained the evening before opening. I saw a lot of BA members - and next year we will have an "Official" BA gathering at my Flea Market location each day. Donuts and coffee or something.

Ok now for the good news (for me)

What followed me home, biggie first:

- 1) A 1/2 KW Spark Gap transmitter (a real and old one, made by a ham whom I met last year at Rochester.)

- 2) A nice XTAL set in an oak cabinet, early, made in Boston.
- 3) An old battery set with a good WD-11, brass based and tipped.
- 4) A "John Reinartz" design battery radio set, likely used by a ham.
- 5) 4 early QST magazines. (1917 - 1920).
- 6) A very old Microphone (on a ring) by Turner.
- 7) Several old radio books for my collection.
- 8) 36, or so, early radio magazines from the 20's.
- 9) Four blue Arcturus 5-pin globe-shaped tubes for my July 1932 QST-cover-article transmitter. Two were type 46 (correct) and two 47 (not correct, but will fit and look good until I find two more blue 46 globe tubes).
- 10) An old Oak wall-telephone.
- 11) A Pepsi-Bottle Radio (the old tube one.) for my son.
- * 12) -update- Also a box containing some coils for my "Super-Wasp" receiver. After checking them, I still need all coils below the BC band. ** looking for "Super-Wasp" coils. **

You can see a quickie report on the AWA meet on my web page. I'll update it later next week, with more photos and a written report. In about two weeks I will post the auction results, both communications and the vintage radio - paper - and tube auctions.

the address is: <http://www.eht.com/oldradio> - click on "AWA"

73' John Dilks, K2TQN

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.=====
|               http://www.eht.com/oldradio               |
| Exclusive Report! The 1997 AWA meet in Rochester, NY as it happens. |
|               Updated September 2, 1997 - Please visit.       |
'=====

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Date: Sun, 07 Sep 1997 17:56:05 -0700
From: "David M. Nance" <dmnance@roanoke.infi.net>
To: Old Tube Radios <boatanchors@theporch.com>

```

Subject: National HRO-50T1 Help Needed
Message-ID: <34134D25.558D@roanoke.infi.net>

Hope everyone had a great weekend. I didn't make it to Gaithersburg but I did acquire a fairly nice HRO50T1 this week -- minus the bottom cover. I have a sneaking suspicion that the power transformer may be bad as the rectifier tube has been pulled. Anyhow, the rest of the radio appears to be original and I'm going to get it going regardless. Does anyone with a parts rig have a bottom cover they would sell?

Also need a copy of the manual. I'll need the 50-T1 as I understand it is different than the earlier 50 (extra IF stage). Will gladly pay copying and postage cost.

I have admired and wanted an HRO 50 (or 60) for 30 years. If anyone has any other advice or opinions on this receiver I would certainly appreciate it.

73,
David Nance
Roanoke, VA
dmnance@roanoke.infi.net

Date: Sun, 7 Sep 1997 23:04:45 +0000
From: "John H. Dilks III" <oldradio@worldnet.att.net>
To: boatanchors@theporch.com
Subject: Heathkit 100 kc Calibrator for adoption
Message-ID: <19970907230443.AAA10666@LOCALNAME>

Heathkit 100 kc Calibrator Free for adoption

For someone who needs it. Model HRA 10-1 Part # 6414-8718

Complete w/tube, except for the xtal.

Size: 2-1/8 x 2-1/8 x 1-1/8 high. Tube and xtal plug in on top and it has an octal plug on the bottom.

Condition: unknown, used, but it looks good.

Free to someone who needs this for a Heath receiver. Please tell me what your plans are; and the best need-reason gets it. I'll even pay the postage (US).

73' John Dilks, K2TQN

|=====|
| http://www.eht.com/oldradio |
| Exclusive Report! The 1997 AWA meet in Rochester, NY as it happens. |
| Updated September 2, 1997 - Please visit. |
=====

Date: Sun, 07 Sep 1997 18:57:58 -0500
From: wb9iog <wb9iog@revealed.net>
To: boatanchors@theporch.com
Subject: [Fwd: WTB: Viking Valiant]
Message-ID: <34133F86.3B18@revealed.net>

This is a multi-part message in MIME format.

-----68213FE72ACC
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Noticed this today on the swap net. Should be of interest to the group.
73's Mike

-----68213FE72ACC
Content-Type: message/news
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Path: news.revealed.net!news-chi-13.sprintlink.net!news-pull.sprintlink.net!news-in-east.sprintlink.net!news-peer.sprintlink.net!news.sprintlink.net!Sprint!newsfeed1-hme1!newsfeed.internetmci.com!152.163.199.19!portc03.blue.aol.com!audrey01.news.aol.com!not-for-mail
From: k1dpm@aol.com (K1DPM)
Newsgroups: rec.radio.swap
Subject: WTB: Viking Valiant
Date: 7 Sep 1997 15:31:35 GMT
Message-ID: <19970907153101.LAA12452@ladder01.news.aol.com>
NNTP-Posting-Host: ladder01.news.aol.com
X-Admin: news@aol.com
Organization: AOL http://www.aol.com
X-Newsreader: AOL Offline Reader

Hello

I am seeking a Johnson Viking Valiant in collector quality condition.
Radio must me working, unmodified and exceptional throughout. I will pay a

premium price. Please reply with information about your Valiant or if you have leads as to where I could purchase this radio, call me collect at 207-767-5143. Thanks!

Dick
Dick Small
88 Hamilton St.
So. Portland, ME 04106
207-767-5143
Fax 207-799-2505
email K1DPM@aol.com

-----68213FE72ACC--

Date: Sun, 7 Sep 1997 18:58:57 -0700
From: "Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Borroughs Tubes? Doomsday tube computer gizmos ?
Message-ID: <199709080101.SAA03471@shell.wco.com>

I have some very strange tubes from the cash register kings.. presumably from either a tube type computer or maybe some defense dept automatic world devastataion gadget...have to look up the numbers....it look like you could crack nuts with these babies... clues anybody ?

more data.. as in I will pull down the friggen box.. if anybody cares...

larry W6WUH

Date: Sun, 7 Sep 1997 22:09:30 +0000
From: "Robert Nickels" <ranickel@mwci.net>
To: boatanchors@theporch.com
Subject: R-274 Hallilcrafters version
Message-ID: <199709080310.WAA16709@subcellar.mwci.net>

Hi All,

Sure would like to find the original main tuning knob and dial lock assembly for the SX-73/R-274 by Hallicrafters. This receiver is, at least from the military standpoint, interchangeable with the SP-600 which shared the same R-274 designation. Great receivers, either one, with interesting design similarities (and differences!).

If you'd like to take a look at what the Hallicrafters version is supposed to look like (mine isn't this pretty(yet):

<http://www.telalink.net/~badger/millist/pic/r-274Halli.jpg>

Thanks and 73,

Bob W9RAN

Date: Sun, 07 Sep 1997 23:12:55 EDT
From: w8xq@juno.com (JEFF D WILDER)
To: boatanchors@theporch.com
Subject: Heath DX-100 Cab. Feet Wanted
Message-ID: <19970907.231230.5255.1.W8XQ@juno.com>

Hello

Does anyone have One extra DX-100 cabinet feet they could spare? Thanks

73

" Forever AM "
Jeff D Wilder (W8XQ)
Email : w8xq@juno.com
Phone: (616) 381-4133

Date: Sun, 7 Sep 1997 22:36:17 -0500
From: W7FG <w7fgboat@w7fg.com>
To: boatanchors@theporch.com
Subject: Ray Moore's Receiver Book 4th Edition
Message-ID: <199709080336.WAA03379@linux.cottagesoft.com>

Ray Moore's Receiver book, Now the 4th Edition will be available sometime around October 1st.

Information I've received from Ray, makes it look like it's going to be much better than previous books. 19 More pages, different type set and Improved photos. Ray's suggested list is \$19.95.

If any in BA land are interested I'll pass them on to you at \$17.95 or if I can get enough requests they can go for \$16.95. There will be a Buck or two for shipping. If shipping can be Slow mail, it shouldn't be more than \$1.50 or so. Not sure at this time. 2nd day air of course would be \$3.00, which I'd like to stick with but don't have to. (PO supplies envelopes!!)

Gary

Boatanchors & Literature FS

BOATANCHORS

Military AN/PRC-25. Vietnam-era manpack and vehicular workhorse. One of the last military tube type ground radios. Covers 30-75mc. Wideband FM I think. This one is in very good or excellent condition. It has a homebrew AC power supply built into the battery box. Radio and power supply seem to be working as designed though I have only briefly fiddled with it. With handset, antenna mast base and sectional whip antenna. \$115

Military AN/PRC-25. Same as above but no homebrew AC supply. Body painted black (but front panel and battery box are still olive-drab). Untested though I see no reason why this would not come

right up. With handset, antenna base and sectional whip antenna. \$85
Military BC-454-B command set receiver made by Western Electric. Covers
3.0 to 6.0mc. Brand new in the original box. The box has been opened
but this radio is untouched. Stamped "MFP 4/45" on the side and "CHELI
A. F. DEPOT TOC NOV. 1954" on top. Light dust but not dirty. \$65
Military TV-7D/U tuber tester. The last TV-7 model made. Some small dents
and scrapes on case but excellent inside. With test data chart in lid,
TM 11-5083 and TM 11-6625-274-12 manuals. Includes original socket
adapters and pin straightener in lid. Works perfectly. \$80
Heathkit A-9C audio amplifier with 2 EL-34's in the final. Complete.
Original. Untested. Dirty but otherwise okay. Includes 2 EL-34s.
\$100
Ameco 2 And 6 Meter Transmitter Model TX-62 with matching Ameco 50,
144 and 220 MC VFO Model VFO-621. All original. Front panels are
excellent or better. Cabinets have some light scratches but not many.
Tested lightly--doesn't smoke and does load up on 2. Didn't test 6
and didn't test for full output, stability, etc. Very Good. \$95
Ameco TX-62 parts unit. Same as above but one knob missing, no tubes,
meter bad, paint just fair. No unoriginal holes. Probably works
if it's worth tubing-up. \$10
Tecraft Criterion Series Model 144 VHF Frequency Converter. Complete.
Original. Untested. Dusty but should clean up to near-mint. \$26
Allied A-2589 Dual Band FM Communication Receiver. 1975-vintage.
Re-tuned to cover 6 and 2 meters. Excellent condition. With
manual copy. \$29
E. F. Johnson Model 241-0352 "Mini-Scan" handheld scanner. Looks okay.
Original antenna is included but it is broken. Original leather
belt pouch also included. Runs on 4 double-A Ni-Cads. No batteries
and no crystals. \$11
Command set connectors. I have the following for trade. I need plugs
for receiver racks.
1-6-pin Modulator plug
1-5-pin transmitter rack plug
1-5-pin transmitter rack plug and mating socket
1-12-pin modulator plug (this does not fit the BC-456 or MD-7--I
think this is for the ARA modulator or other variant)
1-18-pin modulator plug (this does not fit the BC-456 or MD-7--I
think this is for the ARA modulator or other variant)

LITERATURE

1938 ARRL Handbook. Cover loose, otherwise good. \$20
Military manual for CAY-23304-A Telephone and Remote Control Unit
part of TBN-1 and TBM-6/8/10. Preliminary manual. Nice. \$9
Heathkit HM-15 Reflected Power Meter And SWR Bridge original manual.
Good. \$7
Heathkit IM-17 Utility Solid State Voltmeter original manual. Good. \$6
Military Navships 92051 Instruction Book For Multimeter AN/PSM-4A.
1953. This looks like a military version of the Simpson 260. \$6

Rider, Frequency Modulation, 1940. Very Good Hardback. \$10
Sams Tube Substitution Handbook. 1971. Cover worn. \$3
Kiver, Milton. UHF Antennas Converters & Tuners. Early UHF
TV stuff. 1953. Howard Sams. \$4

WANTED

WRL Globe King manual copy (single 4-250 version)
Precision ES-500 Cathode Ray Oscillograph manual copy
Information: This loop antenna with teardrop mount is marked "Loop
Antenna L-10A Aircraft Radio Corporation Boonton New Jersey." Is
this the matching loop antenna for the command set radios?
Howard 436 receiver manual copy.
Gross Communications Ultraphone UHP-2 manual copy. This is a 2-meter
AM transmitter/receiver that looks something like an Abbott TR-4 and
is about the same size. The final is the world-renowned Taylor
TUF-20 tube (huh?).
General Radio Digital Frequency Meter Type 1150-BPH manual copy
RME DB-20 preselector manual copy
Military CME-50063 preselector manual copy. This is a military version
of the RME DB-20 preselector.

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

End of BOATANCHORS Digest 1658
